

S. N. BISWAS & C. R. BABU*: **An interesting new species
of *Senecio* (Asteraceae) from Tibet**

S. N. ビスバス・C. R. バブ*: チベット産キオン属 (キク科)
の興味ある一新種

Senecio drummondii Babu et S. N. Biswas, sp. nov.

Senecio waltonii Drumm. Cal. Herb. MS. nomen ("waltoni").

Affinis *Senecio chrysanthemoidi* DC., *S. bracteolata* Hook. f., et *S. tibetico* Hook. f., sed foliis integris usque sinuato-dentatis, plantis fere glabris, inflorescentiis 5-17 (-20)-capitulis, bracteis involucribus obtusis oblongis, radiis paucioribus, acheniisque glabris differt. *S. drukensi* Marquand et Shaw maxime simile, sed differt inflorescentiis corymbosis, et bracteis involucribus oblongis, obtusis, longioribus. Iterum accedit *S. nudicauli* Buch.-Ham. ex D. Don, sed habitu pumilo, nonscapigerenti, bracteis involucribus obtusis, corollarum limbis infundibularibus, acheniisque glabris recedit.

Herba annua, erecta, 10-20 cm. alta. Caudex brevis, radicem fibras carnosas emittens. Caules simplices, solitarii, quadrangulares, parum marginati foliorum basibus decurrentibus, striati, fere glabri. Folia basalia per anthesin nulla, superiora alterna, sessilia, elliptico-oblonga vel anguste oblongo-lanceolata, versus bases angustata, basibus dilatatis semi-amplexicaulibus, ad apices obtusa vel subobtusa, integra usque sinuato-dentata, subcarnosa, supra glabra, infra rare albo-lanata vel glabrata, 3-7×0.3-1.8 (-2) cm. Capitula 5-17 (-20) in corymbis terminalibus heterogamis, cum radiis; pedunculus communis striatus, glaber, 3-5 cm. longus; pedunculi capitulorum glabrati, bracteati, 0.5-1.5 cm. longi; bractee dispersae secus pedunculos et fasciculatae ad apices pedunculorum modo infra involucria, lineares usque anguste oblongae, acutae, rare albolanatae in dorsis, denticulatae in inferioribus, 0.5-0.7 cm. longae; involucria campanulata, ad bases puberula; bractee plus minusve 15, sub-2-seriatae, subaequales, extus pilosae, exteriores paucae, anguste oblongae, anguste scarioso-marginatae, apicibus subcutis vel obtusis purpurascenscentibus parum dilatatis, trinerviae, 0.6×0.12 cm., in-

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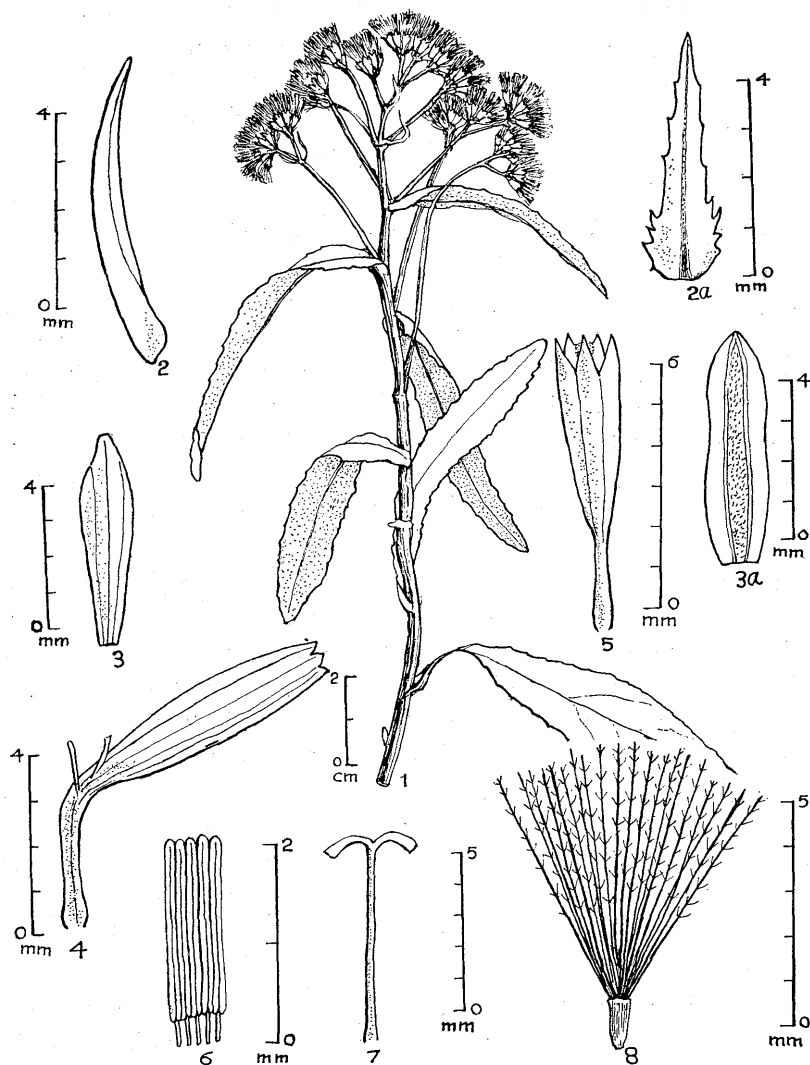


Fig. 1. 1. Habit; 2 & 2a. Bracts; 3 & 3a. Involucral bracts; 4. Marginal flower without ovary; 5. Disk-flower without ovary; 6. Stamens; 7. Style; 8. Achene.

teriores late oblongae, obtusae, late scarioso-marginatae, 0.6×0.2 cm.; flores marginales: 5-9, feminei, 1-1.2 cm. longi; corolla ligulata, flava, tubus glaber, 0.3 cm. longus, limbus patulus, late oblongus, glaber, tridentatus, 4-nervius, 0.8 cm. longus; stylus linearis, glaber, 0.5 cm. longus, cum brachiis subtruncatis; flores discorum: multi, bisexuales, 0.75 cm. longi; corolla tubulosa, flava, 0.6 cm. longa, tubus glaber, 0.2 cm. longus, limbus infundibuliformis, glaber, 0.35 (-0.4) cm. longus, pentalobus, lobis triangulari-lanceolatis, acutis, glabris, 0.08-0.1 cm. longis; stamina 5, filamenta filiformia, glabra, 0.2 cm. longa, antherae basibus subobtusis, ad apices obtusae, 0.2 cm. longae; stylus linearis, 0.6 cm. longus (brachiis 0.1 cm. longis inclusis), bifidus, cum brachiis truncatis. Achenia immatura, oblonga, costata, glabra, papposa; pappi pili multi, barbellati, albi, plus minusve 0.7 cm. longi; receptaculum planum, glabrum.

Tibet: Phemba la, 3.3-4.95 km north of Lhasa, Walton s. n. (CAL-holotype & isotypes)

Flowers: September.

Distribution: Known only from the type locality.

Closely allied to *Senecio chrysanthemoides* DC.—*S. bracteolatus* Hook. f.—*S. tibeticus* Hook. f. group, but is easily recognizable by a combination of characters—entire to sinuate-dentate leaves, nearly glabrousness, 5-17 (-20)-headed inflorescences, oblong, obtuse involucre bracts, fewer rays and glabrous achenes. It is rather very similar to *S. drukensis* Marquand & Shaw, in many characters, but differs in having corymbose inflorescences and oblong, obtuse, longer involucre bracts; also superficially allied to *S. nudicaulis* Buch.-Ham. ex D. Don but can be distinguished by nonscapigerous dwarf habit, obtuse involucre bracts, funnel-shaped corolla-limb and glabrous achenes.

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チベットのラッサ北部数 km のペンパ・ラで採集されたキオン属 (*Senecio*) の一新種を記載発表する。形態は附図に示したとおりである。類縁関係は欧文の方に記した。